

AC
Spoilbank Spreading (A)

Definition

Disposing of excavated materials from a drainage ditch or an irrigation canal by spreading the surplus over adjacent land.

Scope

This standard applies to the disposal of spoil, by placing it in surface depressions, by shaping, or by spreading it over the surface of banks and adjacent lands along the ditch, canal, or other excavations from which the spoil was removed.

Purpose

To permit use of land occupied by spoil for agriculture and other purposes, to facilitate establishing and controlling vegetation along banks, to provide a travelway along banks for maintenance, or to provide borrow for land grading, leveling, or smoothing of adjoining land.

Conditions where practice applies

This practice applies to sites where spoil material is available from the excavation of channels, drainage ditches, or irrigation canals and where it is desirable and economically feasible to achieve one or more of the listed conservation purposes.

Design criteria

Spoil shall be spread continuously over a designated area according to an approved plan or as modified by a technician at the site where authorized in the contract or otherwise feasible. Provisions shall be made for the diversion or safe passage of surface water concentrating on the landside of the spoilbank.

The spoil shall be placed so as not to endanger the stability of the ditch bank and shall not exceed 3 ft in height above the natural ground surface, except by special design. The finished surface shall slope away from the edge of the channel or berm in so far as feasible.

Surfaces of spoil shall not be steeper than 4 horizontal to 1 vertical on the landside, and 3 horizontal to 1 vertical on the channel side if a berm is established. If the spoil is spread to the edge of the channel, the channel side slope of the spoil shall be shaped to join the side slope of the ditch bank so that loose spoil will not roll or wash into the channel or ditch.

Plans and specifications

Plans and specifications for spoilbank spreading shall be in keeping with this standard and shall describe the requirements for properly applying the practice to achieve its intended purpose.